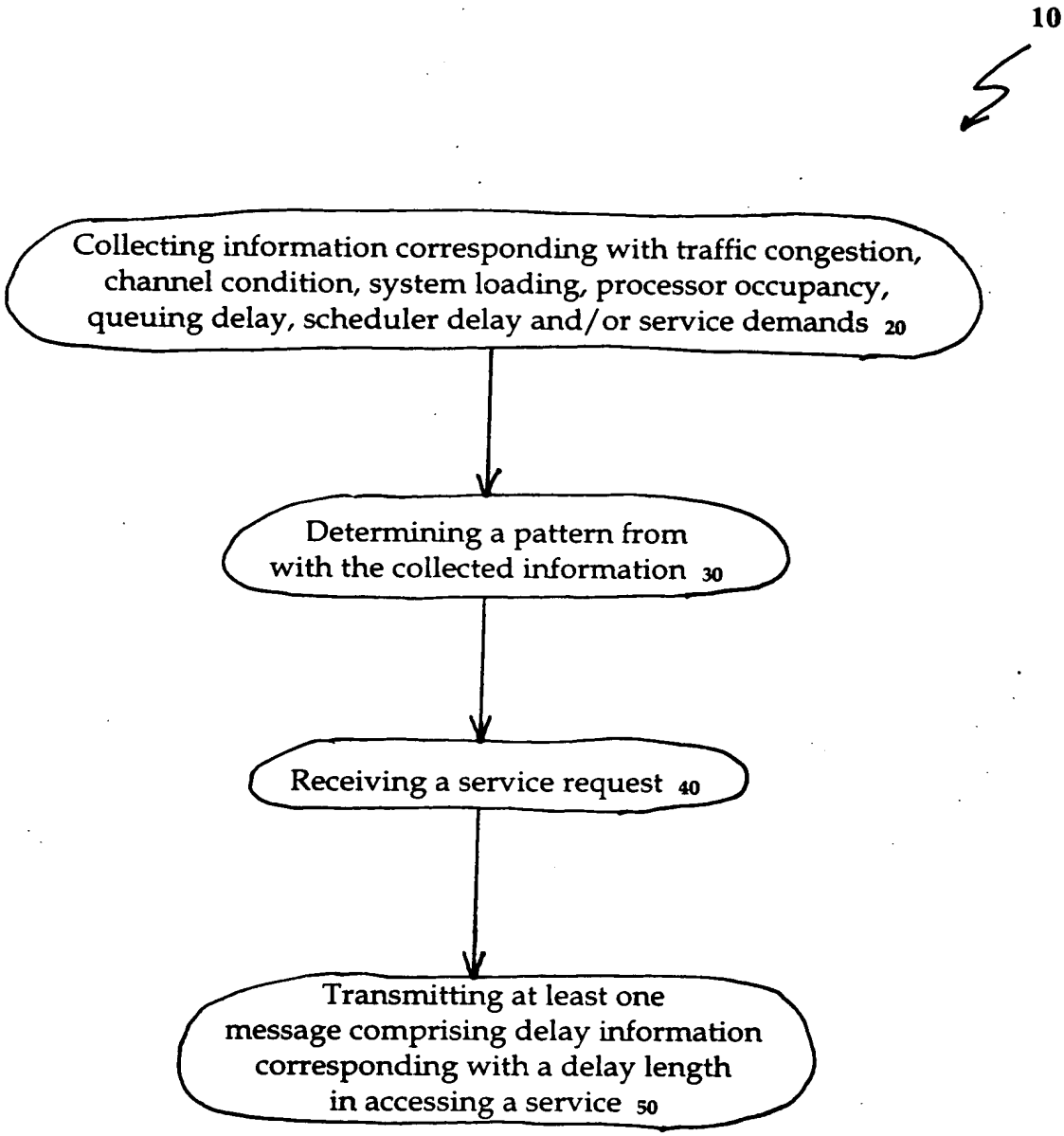
10
Collecting information corresponding with traffic congestion, channel condition, system loading, processor occupancy, queuing delay, scheduler delay and/or service demands 20
Determining a pattern from with the collected information 30
Receiving a service request 40
Transmitting at least one message comprising delay information corresponding with a delay length in accessing a service 50

FIG. 1

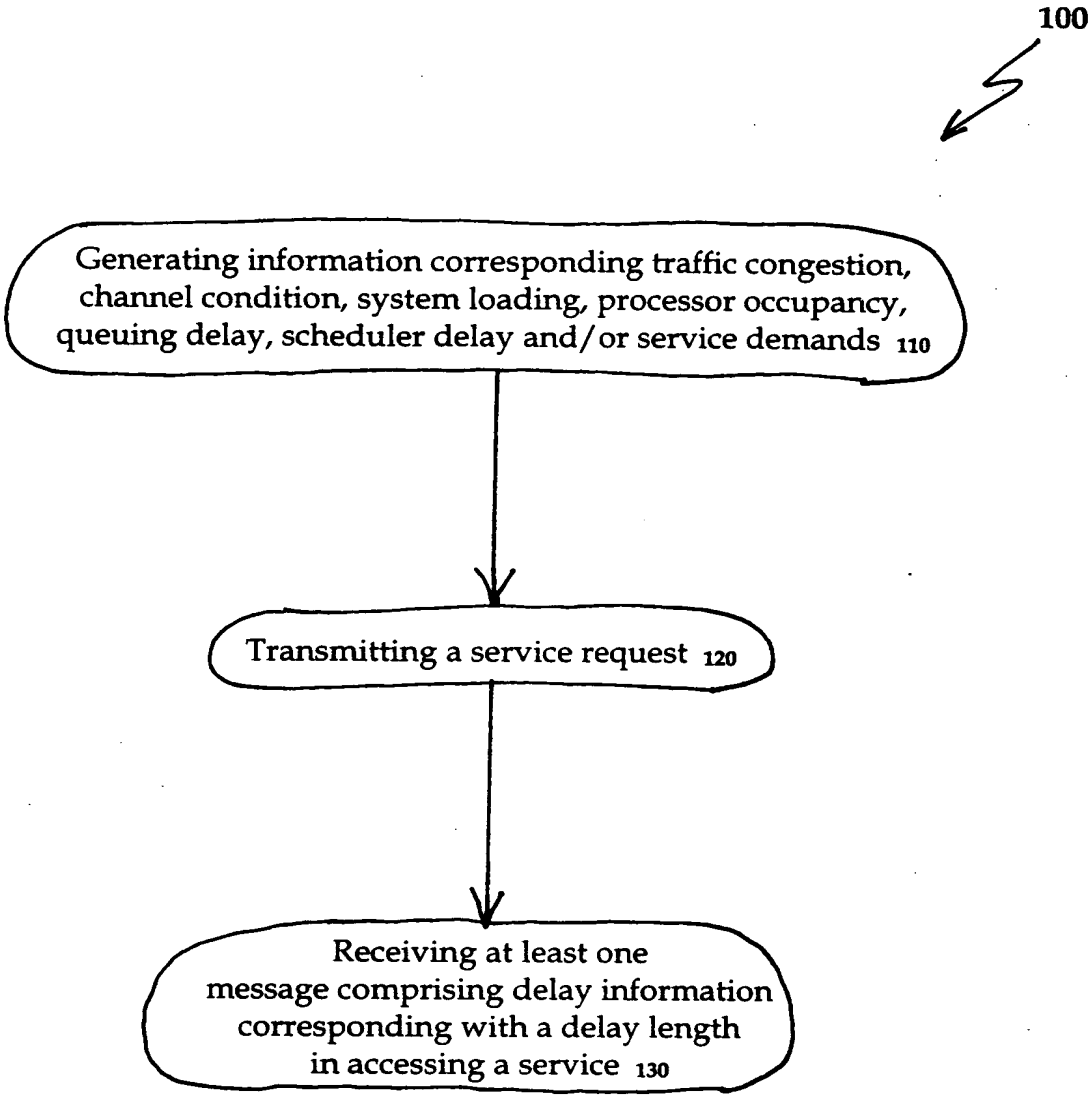
100
Generating information corresponding traffic congestion, channel condition, system loading, processor occupancy, queuing delay, scheduler delay and/or service demands 110
Transmitting a service request 120
Receiving at least one message comprising delay information corresponding with a delay length in accessing a service 130

FIG. 2

Initialize: $\Delta D = 1 - \sum_{d=1}^{N} D_e^1(t+1,d)$

$\Delta D_{remain} = 0$

do: $d = 1 : N$

$$\Delta r = \frac{\Delta D}{(N-d+1)}$$

if $\left(D_e^1(t+1,d) - \Delta r < 0\right)$

$$D_{remain} = \Delta r - D_e^1(t+1,d)$$
$$D_{estimate}(t+1,d) = 0$$
$$\Delta D = \Delta D - D_e^1(t+1,d) + D_{remain}$$
$$\Delta r = \frac{\Delta D}{(N-d+1)}$$

else

$$D_{estimate}(t+1,d) = D_e^1(t+1,d) - \Delta r$$
$$\Delta D = \Delta D - \Delta r$$

end − if

end − do

FIG. 3